



TENNESSEE WEEKLY
WEATHER AND CROP BULLETIN



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Week Ending June 30, 2000

RAIN SHOWERS PRESENT THROUGHOUT STATE

Rain showers continued to blanket the State as a cold front pushed through the western half of Tennessee early in the week and the eastern half of the State by Thursday morning. The moisture, coupled with the cooler temperatures, was a welcome sight for areas where corn is in the silking stage and where double crop soybeans are emerging, but hampered areas still harvesting wheat and planting soybeans. Corn is rated in mostly good-to-excellent condition with 58 percent in the silking stage or beyond. Ninety percent of the cotton crop has reached the squaring stage and plants are beginning to set bolls. Some cotton growers are having difficulty applying herbicides to fields due to the frequent showers. Soybeans are rated in mostly good-to-excellent condition with planting nearly completed and 87 percent of the beans emerged. Range and pastures are in mostly good-to-fair condition. Second cutting of alfalfa hay is underway and as of Sunday, 43 percent of the acreage had been harvested. A warming trend had begun by the weekend as temperatures rebounded to the upper 80's and lower 90's. There were 5 days considered suitable for fieldwork this past week. As of Friday, topsoil moisture levels were rated, 2 percent very short, 17 percent short, 74 percent adequate, and 7 percent surplus. Subsoil moisture levels were rated 2 percent very short, 23 percent short, 70 percent adequate, and 5 percent surplus.

CROP PROGRESS: Through July 2, 2000

CROP CONDITION: On June 30, 2000

Crop	This Week	Last Week	1999	Five Year Avg.	Crop	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Corn - Silking or Beyond	58	35	61	47	Corn	1	4	12	47	36
Soybeans - Planted	95	90	97	86	Soybeans	0	3	14	54	29
Soybeans - Emerged	87	75	90	N/A	Tobacco	0	9	30	52	9
Soybeans - Blooming	2	N/A	7	3	Cotton	1	2	22	53	22
Cotton - Squaring	90	80	92	79	Pastures	1	7	31	54	7
Cotton - Setting Bolls	8	N/A	10	8	Alfalfa Hay	0	6	31	52	11
Winter Wheat - Harvested	94	85	99	90						
Alfalfa Hay - Second Cutting	43	N/A	30	40						

CORN: The crop continued to benefit from the recent moisture. The crop is rated in mostly good-to-excellent condition with no major insects or disease problems at the current time.

SOYBEANS: Planting of double crop soybeans was slowed by the rainfall, but the emerging beans are in good-to-excellent condition.

TOBACCO: Some disease problems, such as black shank, continue to be reported across the State. In some areas the wet conditions are aiding the spread of disease and producers are on the lookout for any widespread problems.

COTTON: Growers are continuing to apply herbicides to their fields as the weather allows and are also treating fields for insects. Rapid plant growth may require applications of growth regulators. The crop is rated in mostly good condition.

WHEAT: With over 90 percent of the wheat harvested, many farmers are bringing harvest to a close. Last week's rains prevented many farmers from finishing while test weights are declining due to the rain and delays in harvest.

PASTURES & HAY: Conditions are holding in the mostly good-to-fair range with about 43 percent of the second cutting alfalfa already completed.

TEMPERATURES AND PRECIPITATION For week ending: 07/02/00 (with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending 07/02/00				Current Week	Rain	Current	Departure	Since April 1	
	HI	LO	AVG	DFN	07/02/00	Days	Since April 1	From Normal	Total	DFN
Ames_Plantation	95	59	76	-3	1.16	3	13.71	-0.79	941	+22
Bristol	88	55	71	-3	1.75	4	11.30	+0.32	637	+92
Brownsville_TN	93	62	76	-4	0.87	3	13.52	-1.00	956	+207
Chattanooga	91	62	77	-2	1.09	3	14.68	+2.22	1022	+215
Clarksville_Sew	93	58	76	-2	0.32	3	17.61	+4.73	930	+163
Cookeville	90	56	73	-2	1.98	4	18.01	+3.48	687	+261
Covington	93	62	76	-4	1.78	2	14.52	+0.16	977	+56
Crossville_AP	85	57	71	-2	1.66	3	17.52	+3.19	635	+133
Dickson_AG	89	53	73	-4	0.19	2	12.98	-1.62	757	-53
Dover_1W	91	56	73	-4	1.24	3	17.90	+4.24	781	+110
Dyersburg	91	61	75	-6	1.46	3	17.07	+3.37	956	-43
Erwin_1W	88	56	72	+2	2.71	4	13.16	-0.55	621	-49
Huntingdon_Wate	89	55	72	-6	0.53	2	13.46	-0.56	670	-44
Jackson_AG	92	59	75	-3	1.40	2	12.80	-2.12	906	+44
Kingston_AG	91	57	74	+0	0.79	4	16.66	+2.22	822	+227
Knoxville_AP	89	61	75	-1	1.02	2	16.00	+3.87	840	+159
Lewisburg	92	55	74	-3	0.96	3	16.22	+1.75	715	+28
Lexington_TN	90	59	75	-4	0.76	3	14.01	+0.31	880	+424
Linden	93	58	75	-2	0.76	2	12.99	-1.82	762	+52
Martin	92	59	75	-4	2.07	4	17.88	+3.42	871	+50
Mc_Minnville_Tn	88	58	73	-4	0.97	4	14.96	+0.95	807	-122
Memphis_AG	95	62	77	-6	1.41	1	12.20	-1.99	1006	-118
Milan	94	52	73	-5	0.97	3	13.11	-2.03	734	-65
Murfreesboro_5N	90	57	74	-4	2.25	5	17.83	+3.84	752	-182
Nashville	92	59	76	-3	1.06	3	15.58	+2.55	915	+63
Newcomb	89	54	72	+0	1.93	3	14.59	-0.01	624	+173
Oneida	88	54	72	-1	4.01	4	17.36	+2.76	585	-176
Pikeville	89	56	74	-2	0.35	2	13.49	+0.30	759	+92
Portland_TN	91	58	74	-3	0.62	2	14.02	-0.29	783	+111
Pulaski_Water_P	93	60	76	-3	1.42	4	18.10	+4.23	804	-65
Savannah_6SW	98	60	79	+0	1.19	4	11.52	-3.99	1031	+291
Sparta_TN	90	55	73	-3	1.64	3	17.86	+3.70	778	+198
Springfield	91	52	74	-3	0.64	3	14.61	+1.03	754	+77
Springhill	93	58	75	-2	1.25	4	14.30	-0.44	833	+163
Union_City	91	58	74	-4	1.52	3	17.55	+3.19	805	+6

DFN = Departure From Normal (Using 1961-90 Normals Period).

Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.

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